

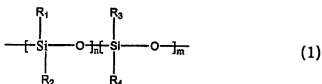
IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

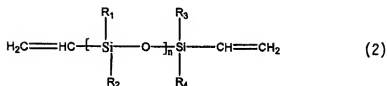
Listing of Claims:

Claim 1-9 (Canceled)

10. (Currently Amended) ~~The replica as claimed in claim 9, A~~
replica obtained by carrying out a UV light-initiated or thermal
curing treatment of a mixture comprising a silicon based reactive
material, wherein the silicon based reactive material comprises a
first component having a following composition:

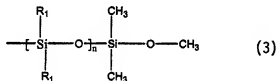


and a second component having a following composition



wherein R_1 , R_2 , R_3 and R_4 = hydrogen, C_2 - C_{10} -alkyl, C_1 - C_{10} -alkyl, vinyl, phenyl, hydroxide, amino, halogen atom, and at least one of R_1 , R_2 , R_3 and R_4 is hydrogen, wherein n and m represent lengths of parts of the first component and the second component.

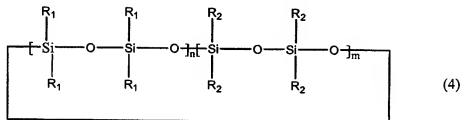
11. (Currently Amended) The replica as claimed in claim 10, wherein the silicon based reactive material further comprises a third component having a following composition:



wherein n represents a length of parts of the third component.

12. (Currently Amended) The replica as claimed in claim 10, wherein the silicon based reactive material further comprises a

fourth component having a following composition:



wherein n and m represent lengths of parts of the fourth component.

13. (Currently Amended) The replica as claimed in ~~claim 9~~ claim 10, wherein ~~a transparency of the replica is configured to~~ have a transparency of at least 20%, when replicated on a glass material being transparent for the applied wavelength, measured at a thickness of 100 μm , an intensity of 100 $\mu\text{W}/\text{cm}^2$ and a wavelength range of 190-400 nm, during a period of at least 50 hours.

14. (Currently Amended) The replica as claimed in ~~claim 9~~ claim 10, wherein ~~a transparency of the replica is configured to~~ have a transparency of at least 90 %, when replicated on a glass material being transparent for the applied wavelength, measured at

a thickness of 100 μm , an intensity of 0.5 mW/cm^2 and a wavelength
range of 190-400 nm, during a period of at least 5000 hours.

15. (Currently Amended) The replica as claimed in ~~claim 9~~
claim 10, wherein the replica is not birefringent.

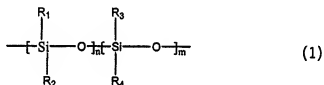
16. (Currently Amended) The replica as claimed in ~~claim 9~~
claim 10, wherein the replica obtained is an optical component.

17. (Currently Amended) The replica as claimed in claim 16,
wherein the optical component obtained is a spherical lens, an ~~(a)~~
aspherical lens, a lens array, a prism, a grating or another relief
structure for optical applications, or a combination thereof.

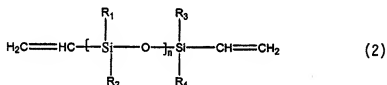
18. (New) The replica of claim 10, wherein the curable resin
composition a platinum based catalyst in an amount of 5-10 ppm Pt.

19. (New) A replica obtained by carrying out a UV light-
initiated or thermal curing treatment of a curable resin

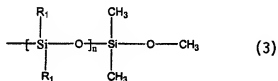
composition comprising a silicon based reactive material, wherein the silicon based reactive material comprises a mixture of the a first component (1), a second component (2), a third component (3), and a fourth component (4); the first component (1) including



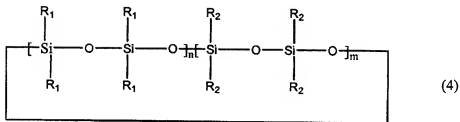
the second component (2) including



the third component (3) including



and the fourth component (4) including



wherein R_1 , R_2 , R_3 and R_4 = hydrogen, C_1 - C_{10} -alkyl, vinyl, phenyl, hydroxide, amino, halogen atom, and at least one of R_1 , R_2 , R_3 and R_4 is hydrogen, and n and m are lengths of parts of the components.

20.(New) The replica of claim 19, wherein the first component (1) is present in an amount of 40-70 wt.%, based on a total weight of the curable resin composition; the second component (2) is present in an amount of 15-40 wt.%, based on the total weight of the curable resin composition; the third component (3) is present in an amount of 10-30 wt.%, based on the total weight of the curable resin composition; and the fourth component (4) is present in an amount of 1.0-5.0 wt.%, based on the total weight of the curable resin composition.

21.(New) The replica of claim 19, wherein the curable resin composition a platinum based catalyst in an amount of 5-10 ppm Pt.